

**REMARKS/ARGUMENTS**

Claims 24-27 were rejected under 35 U.S.C. §102 over Tubel (U.S. Patent 5,959,547). Claim 24 is amended herein. Support for the amendment may be found on page 8, lines 18 through 30. New claims 28 through 46 are added. Support for new claims 30 and 46 may be found on page 13, lines 3 through page 14, line 17. Additional support may be found on page 9, line 20 through page 10, line 15.

Applicants note that Tubel et al. does not teach or suggest receiver units that are powered by transmitter units, nor does the '547 Patent suggest the use of identification and target codes. Applicants submit that this response addresses all of the issues raised in the official action respectfully request reconsideration and that a timely Notice of Allowance be issued in this case.

Should a fee be due for this submission, the Commissioner is authorized to charge or credit any necessary fee to Deposit Account No. 03-0330.

Respectfully submitted,



Robin Nava  
Reg. No. 42,926

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Schlumberger Technology Corporation  
IP Department  
555 Industrial Blvd, Bldg 8, MD1  
Sugar Land, Texas 77478  
Tel: (281) 285-4791  
Fax: (281) 285-7056

**Version with changes marked**

**WHAT IS CLAIMED IS:**

24. (Amended) A method for communicating between downhole tools and equipment in a wellbore, comprising the steps of:

- (a) providing a first downhole structure having one or more non-acoustic transmitter units and one or more non-acoustic receiver units;
- (b) providing a second downhole structure having one or more non-acoustic transmitter units and one or more non-acoustic receiver units;
- (c) receiving a signal from the one or more non-acoustic transmitter units of the first downhole structure with the one or more non-acoustic receiver units of the second downhole structure; and
- (d) receiving a signal from the one or more non-acoustic transmitter units of the second downhole structure with the one or more non-acoustic receiver units of the first downhole structure;

wherein said signal from one or more non-acoustic transmitter units powers said one or more non-acoustic receiver units.

25. (Original) The method of claim 24, further comprising actuating or installing downhole equipment.

26. (Original) The method of claim 24, further comprising returning the signal to the surface of the wellbore.

27. (Original) The method of claim 24, further comprising storing the signal with one or more non-acoustic receiver units of the first and second downhole structure.

28. (New) The method of claim 24, wherein said first downhole structure is moved by a conveyance tool.

29. (New) The method of claim 24, wherein said first downhole structure is attached to a drop ball.

30. (New) The method of claim 24, wherein said first downhole structure is a moveable sleeve.
31. (New) The method of claim 24, wherein said second downhole structure is a downhole tool.
32. (New) A method for communicating between downhole tools and equipment in a wellbore, comprising the steps of:
- (a) providing a first downhole structure having one or more non-acoustic transmitter units and one or more non-acoustic receiver units;
  - (b) providing a second downhole structure having one or more non-acoustic transmitter units and one or more non-acoustic receiver units;
  - (c) receiving a signal from the one or more non-acoustic transmitter units of the first downhole structure with the one or more non-acoustic receiver units of the second downhole structure; and
  - (d) receiving a signal from the one or more non-acoustic transmitter units of the second downhole structure with the one or more non-acoustic receiver units of the first downhole structure;
- wherein at least one of said downhole structures comprises an identification code.
33. (New) The method of claim 32, further comprising actuating or installing downhole equipment.
34. (New) The method of claim 33, further comprising returning the signal to the surface of the wellbore.
35. (New) The method of claim 32, further comprising storing the signal with one or more non-acoustic receiver units of the first and second downhole structure.
36. (New) The method of claim 32, wherein said first downhole structure is moved by a conveyance tool.
37. (New) The method of claim 32, wherein said first downhole structure is attached to a drop ball.

38. (New) The method of claim 32, wherein said first downhole structure is a moveable sleeve.
39. (New) The method of claim 32, wherein said second downhole structure is a downhole tool.
40. (New) A method for communicating between downhole tools and equipment in a wellbore, comprising the steps of:
- (a) providing a first downhole structure having one or more non-acoustic transmitter units and one or more non-acoustic receiver units, said first downhole structure comprising an identification code;
  - (b) providing a second downhole structure having one or more non-acoustic transmitter units and one or more non-acoustic receiver units, said second downhole structure comprising a target code;
  - (c) receiving a signal from the one or more non-acoustic transmitter units of the first downhole structure with the one or more non-acoustic receiver units of the second downhole structure; and
  - (d) receiving a signal from the one or more non-acoustic transmitter units of the second downhole structure with the one or more non-acoustic receiver units of the first downhole structure.
41. (New) The method of claim 40, further comprising actuating or installing downhole equipment when the identification code matches the target code.
42. (New) The method of claim 40, further comprising returning the signal to the surface of the wellbore when the identification code matches the target code.
43. (New) The method of claim 43, further comprising storing the signal with one or more non-acoustic receiver units of the first and second downhole structure when the identification code matches the target code.